UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics

In cooperation with

NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS

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# APPLE MANUFACTURES

## THE USE OF APPLES IN CIDER MILLS, EVAPORATORS AND CANNERIES IN NEW YORK STATE

1937-44

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Albany, New York
June 1945

# APPLE MANUFACTURES - 1937-44

The apple crop of 1944 was a little above average. High prices for fruit permitted close utilization of supplies. The total volume of apples processed in New York cider mills, evaporators and canneries from the 1944 crop, 7,607,800 bushels, was only 4 percent below 1942, which is the highest in the 7 years of record. Of these, 479,400 bushels came from other states. The gross farm value of these apples in 1944 was about $7,523,000.

As usual, cider mills processed more apples than other establishments, followed closely by canneries, with evaporators trailing behind. In addition to cider, apple juice, canned apples and apple sauce, dried apples and chops, the standard products of the apple processing industries, substantial quantities of apples and apple sauce were preserved by freezing, with freezing taking on large importance in 1944, while special dessert mixtures, mince meat and infant foods required substantial quantities of fruit. Dried skins, cores and pomace to be used mainly for pectin represented partial utilization of valuable material that would otherwise have been wasted.

The quantity of apples utilized in the processing establishments in New York in 1944 was larger than the total apple crop harvested in the commercial areas of any other states than Washington, Pennsylvania, Virginia and Michigan.

Unused facilities available for processing of apples are indicated by the fact that there were listed as not operating in 1940,1941,1942, 1943 and 1944 the following: Cider mills, 197 in 1940, 161 in 1941, 230 in 1942, 280 in 1943, and 265 in 1944; evaporators, 38,30,26,39 and 29; establishments canning apples or carrying on similar processes,13,9,10, 10 and 16 respectively. In the main, the closed establishments were those having relatively small capacity and many of them were probably poorly equipped. Several are destroyed by fire, dismantled or put to other uses each year. Few new plants have been built in recent years.

The totals of apples and products are believed comparably complete from year to year. In each year there have been a few establishments from which reports have not been available. In those cases,estimates on the best available basis have been included. Minor revisions for 1943 are included here.

The cooperation of the owners or operators of the establishments who furnished information concerning their own businesses is acknowledged with appreciation.

(The Bureau of Markets of the Department of Agriculture and Markets gave cooperation in obtaining reports. The compilations were made in the Bureau of Statistics.)

R. L. GILLETT, Director of Agricultural Statistics and Agricultural Statistician

Table 1.- Apples and apple products in cider mills, evaporators, and canneries, New York, 1937-44

| Year | Cider Mills | Evaporators | Canneries | Total |
|---|---|---|---|---|
| Establishments in operation, Number 1/ | | | | |
| 1937 | 573 | 47 | 27 | 640 |
| 1938 | 452 | 29 | 22 | 500 |
| 1939 | 504 | 45 | 26 | 573 |
| 1940 | 383 | 19 | 27 | 427 |
| 1941 | 410 | 26 | 29 | 461 |
| 1942 | 315 | 42 | 27 | 374 |
| 1943 | 235 | 32 | 28 | 283 |
| 1944 | 241 | 30 | 38 | 300 |
| Apples received, net bushels 2/ 8/ | | | | |
| 1937 | 4,434,300 | 1,284,800 | 1,873,100 | 7,592,200 |
| 1938 | 2,621,800 | 373,900 | 866,200 | 3,861,900 |
| 1939 | 4,772,900 | 1,207,100 | 2,381,900 | 8,361,900 |
| 1940 | 2,309,000 | 199,400 | 1,686,600 | 4,195,000 |
| 1941 | 3,769,000 | 536,700 | 3,022,600 | 7,328,300 |
| 1942 | 3,578,700 | 1,120,800 | 3,208,000 | 7,907,500 |
| 1943 | 2,741,800 | 502,400 | 2,367,100 | 5,611,300 |
| 1944 | 3,980,900 | 441,100 | 3,185,800 | 7,607,800 |
| Quantity of apples (included above) from other States, bushels | | | | |
| 1937 | 9,600 | - | 1,000 | 10,600 |
| 1938 | 10,300 | - | 200 | 10,500 |
| 1939 | 6,800 | - | 600 | 7,400 |
| 1940 | 5,800 | - | 4,700 | 10,500 |
| 1941 | 11,700 | - | 5,800 | 17,500 |
| 1942 | 26,500 | 700 | 34,800 | 62,000 |
| 1943 | 95,700 | - | 2,750 | 98,450 |
| 1944 | 432,800 | 4,500 | 42,100 | 479,400 |
| Average price paid for apples, per 100 lbs. 3/ | | | | |
| 1937 | $.22 | $.33 | $.43 | $.29 |
| 1938 | .26 | .28 | .58 | .34 |
| 1939 | .18 | .27 | .43 | .26 |
| 1940 | .28 | .29 | .75 | .47 |
| 1941 | .34 | .57 | 1.19 | .72 |
| 1942 | .44 | 1.46 | 1.59 | 1.05 |
| 1943 | 1.13 | 2.86 | 3.12 | 2.12 |
| 1944 | 1.04 | 2.96 | 3.21 | 2.06 |

Average date operations started and stopped 4/

| | Start | Stop | Start | Stop | Start | Stop |
|---|---|---|---|---|---|---|
| 1937 | Oct. 4 | Dec. 1 | Oct. 4 | Dec. 5 | Oct. 6 | Dec. 9 |
| 1938 | Oct. 4 | Nov.30 | Oct. 5 | Nov.16 | Oct.11 | Nov.18 |
| 1939 | Oct. 2 | Dec. 6 | Oct. 8 | Dec.19 | Sept.28 | Dec. 7 |
| 1940 | Oct. 7 | Dec. 7 | Oct.15 | Nov.28 | Oct.14 | Dec.17 |
| 1941 | Oct. 4 | Dec. 6 | Oct.3 | Dec. 9 | Sept.29 | Dec.18 |
| 1942 | Oct. 5 | Dec. 4 | Sept.29 | Dec.22 | Oct. 5 | Jan. 3 (1943) |
| 1943 | Oct. 7 | Dec. 2 | Oct. 6 | Nov.30 | Oct.10 | Dec.30 |
| 1944 | Oct. 4 | Dec. 1 | Oct. 4 | Nov.29 | Oct.13 | Dec.25 |

Table 1.- Apples and apple products in cider mills, evaporators and canneries, New York, 1937-44 - Continued

| Year | Cider Mills | Evaporators | Canneries | Total |
|---|---|---|---|---|
| Apples used for principal purposes: | | | | |
| Used for cider, bushels 5/ | | | | |
| 1937 | 4,434,300 | - | 66,700 | 4,501,000 |
| 1938 | 2,621,800 | - | 9,000 | 2,630,800 |
| 1939 | 4,772,900 | - | 278,900 | 5,051,800 |
| 1940 | 2,309,000 | - | 69,100 | 2,378,100 |
| 1941 | 3,769,000 | - | 5,000 | 3,774,000 |
| 1942 | 3,578,700 | - | 10,000 | 3,588,700 |
| 1943 | 2,741,800 | - | 119,800 | 2,861,600 |
| 1944 | 3,980,900 | - | 13,000 | 3,993,900 |
| Apples used for principal purposes: | | | | |
| Used for drying, bushels | | | | |
| 1937 | - | 1,284,800 | - | 1,284,800 |
| 1938 | - | 373,900 | - | 373,900 |
| 1939 | - | 1,207,100 | - | 1,207,100 |
| 1940 | - | 199,400 | - | 199,400 |
| 1941 | - | 536,700 | - | 536,700 |
| 1942 | - | 1,120,800 | - | 1,120,800 |
| 1943 | - | 502,400 | - | 502,400 |
| 1944 | - | 441,100 | - | 441,100 |
| Used for canned apples and apple sauce, bushels | | | | |
| 1937 | - | - | 1,657,700 | 1,657,700 |
| 1938 | - | - | 790,100 | 790,100 |
| 1939 | - | - | 1,987,800 | 1,987,800 |
| 1940 | - | - | 1,351,500 | 1,351,500 |
| 1941 | - | - | 2,580,600 | 2,580,600 |
| 1942 | - | - | 2,751,700 | 2,751,700 |
| 1943 | - | - | 1,865,400 | 1,865,400 |
| 1944 | - | - | 2,010,200 | 2,010,200 |
| Used for other products, bushels 6/ | | | | |
| 1937 | - | - | 148,700 | 148,700 |
| 1938 | - | - | 67,100 | 67,100 |
| 1939 | - | - | 115,200 | 115,200 |
| 1940 | - | - | 266,000 | 266,000 |
| 1941 | - | - | 437,000 | 437,000 |
| 1942 | - | - | 446,300 | 446,300 |
| 1943 | - | - | 381,900 | 381,900 |
| 1944 | - | - | 1,162,600 | 1,162,600 |
| Principal products made: | | | | |
| Cider pressed, gallons 5/ | | | | |
| 1937 | 18,493,800 | - | 353,600 | 18,847,400 |
| 1938 | 10,662,000 | - | 146,000 | 10,808,000 |
| 1939 | 19,949,600 | - | 1,707,000 | 21,656,600 |
| 1940 | 9,336,400 | - | 627,600 | 9,964,000 |
| 1941 | 16,599,100 | - | 412,000 | 17,011,100 |
| 1942 | 16,575,400 | - | 311,600 | 16,887,000 |
| 1943 | 12,290,900 | - | 1,346,800 | 13,637,700 |
| 1944 | 18,388,100 | - | 359,200 | 18,747,300 |

Table 1.- Apples and apple products in cider mills, evaporators and canneries, New York, 1937-44 - Concluded

| Year | Cider Mills | Evaporators | Canneries | Total |
|---|---|---|---|---|
| Principal products made: | | | | |
| Apple juice, gallons 5/, 6/ | | | | |
| 1940 | 2,665,300 | - | 695,000 | 3,360,300 |
| 1941 | 2,814,400 | - | 806,400 | 3,620,800 |
| 1942 | 3,336,500 | - | 348,500 | 3,685,000 |
| 1943 | 2,905,700 | - | 550,400 | 3,456,100 |
| 1944 | 5,284,600 | - | 978,000 | 6,262,600 |
| Dried apples, pounds | | | | |
| 1937 | - | 7,101,200 | - | 7,101,200 |
| 1938 | - | 2,147,700 | - | 2,147,700 |
| 1939 | - | 7,076,700 | - | 7,076,700 |
| 1940 | - | 869,000 | - | 869,000 |
| 1941 | - | 3,056,700 | - | 3,056,700 |
| 1942 | - | 6,473,500 | - | 6,473,500 |
| 1943 | - | 2,736,200 | - | 2,736,200 |
| 1944 | - | 2,489,700 | - | 2,489,700 |
| Dried apple chops, pounds | | | | |
| 1937 | - | 727,000 | - | 727,000 |
| 1938 | - | 192,300 | - | 192,300 |
| 1939 | - | 461,700 | - | 461,700 |
| 1940 | - | 469,400 | - | 469,400 |
| 1941 | - | 284,500 | - | 284,500 |
| 1942 | - | 356,700 | - | 356,700 |
| 1943 | - | 233,400 | - | 233,400 |
| 1944 | - | 194,000 | - | 194,000 |
| Dried skins and cores, pomace and waste, pounds 7/ | | | | |
| 1937 | - | 2,426,300 | - | 2,426,300 |
| 1938 | - | 104,000 | - | 104,000 |
| 1939 | - | 612,000 | - | 612,000 |
| 1940 | - | 454,200 | - | 454,200 |
| 1941 | - | 1,419,200 | - | 1,419,200 |
| 1942 | - | 3,587,100 | - | 3,587,100 |
| 1943 | - | 1,407,800 | - | 1,407,800 |
| 1944 | - | 1,704,100 | - | 1,704,100 |
| Canned apples and apple sauce, quantity of apples used for, bushels | | | | |
| 1937 | - | - | 1,657,700 | 1,657,700 |
| 1938 | - | - | 790,100 | 790,100 |
| 1939 | - | - | 1,987,800 | 1,987,800 |
| 1940 | - | - | 1,351,500 | 1,351,500 |
| 1941 | - | - | 2,580,600 | 2,580,600 |
| 1942 | - | - | 2,751,700 | 2,751,700 |
| 1943 | - | - | 1,865,400 | 1,865,400 |
| 1944 | - | - | 2,010,200 | 2,010,200 |

1/ In a few cases operations of more than one type were carried on in a given establishment. The last column is the net number of establishments reporting, 7 joint operations having been noted in 1937, 3 in 1938, 2 in 1939, 4 in 1940, 4 in 1941, 10 in 1942, 12 in 1943 and 9 in 1944. "Custom" and "commercial" mills are included.

(Footnotes continued on page 5)

Footnotes Table 1 - Concluded

2/ Net receipts. Apples received at canneries and reported transferred to cider mills are included in cider mill receipts and not in cannery receipts. Of these there were reported, in bushels: 1937- 20,100; 1938 - 8,100; 1939- 35,600; 1940- 28,700; 1941- 65,600; 1942- 94,100; 1943- 140,900; 1944- 116,400. Part of the apples were reported as bushels and part as pounds. One bushel assumed to equal 48 pounds. All of the data relate to the crop produced in the year indicated even though processing frequently runs over into the next calendar year.

3/ These prices are the average of "average or prevailing prices" as reported, excluding cases where the special uses called for unusual grades, etc. and weighted by the importance of the various districts.

4/ Includes averages of usual operations. In a number of cases, intermittent or unusual operations extended well into the following spring and are not included here. There is considerable difference in the length of the processing season at the various plants and in different parts of the State. In 1945, operations continued until May in some plants. If 7 plants operating after March 1 are included the average date of closing canning operations would be January 21, 1945.

5/ Includes cider pressed from apple skins and cores. The quantity of apples used for cider in cider mills includes those used for "apple juice" in those establishments. No separate data were secured prior to 1940 when approximately 2,665,300 gallons of cider were sold as "apple juice", this term being equivalent to "sweet cider" in many cases, and about 29 percent of the total cider pressed in cider mills. In canneries, the "apple juice" first reported separately in 1940, is not included in cider pressed in those mills. In earlier years, apples used in canneries for "apple juice" were generally reported as used for products other than canned apples, apple sauce and cider, and were not separately tabulated.

6/ Including "apple juice" at canning factories, but not in cider mills where apples so used are included with those for cider. Small amounts of loss and shrinkage are included. Among other products in which these apples are used are jelly, apple butter, mincemeat, food for infants and frozen apples. In 1941, 1943 and 1944, some apples were sorted out and sold to packers without processing. In 1944, apples reported as used for freezing were 577,400 bushels. This is the first year the report form asked for them separately.

7/ In 1941, dried skins and cores amounted to 595,300 pounds and dried pomace 823,900 pounds; in 1942, dried skins and cores 1,461,100 pounds and dried pomace 2,126,000 pounds; in 1943 dried skins and cores 649,800 pounds and 758,000 pounds of dried pomace; in 1944 dried skins and cores 536,100 pounds and dried pomace 1,168,000 pounds.

8/

| | |
|---|---|
| Ontario Dist. | - Niagara, Orleans, Monroe, Wayne |
| Mid-western Dist. | - Erie, Genesee, Wyoming, Livingston, Ontario, Yates, Seneca, Tompkins |
| Hudson Dist. | - Columbia, Dutchess, Putnam, Westchester, Greene, Ulster, Orange, Rockland |
| Champlain Dist. | - Clinton, Essex |
| Other Dist. | - All counties not included above. |

The districts used in the tables in this publication include counties as above.

Table 2.- Apples received at manufacturing plants, by districts, crops of 1937-44 1/

| District | Cider Mills | Evaporators | Canneries | Total |
|---|---|---|---|---|
| | | 1,000 bushels (net) | | |
| Ontario | | | | |
| 1937 | 2,604 | 1,167 | 1,612 | 5,383 |
| 1938 | 1,305 | 347 | 798 | 2,450 |
| 1939 | 2,912 | 1,153 | 2,190 | 6,255 |
| 1940 | 1,131 | 166 | 1,545 | 2,842 |
| 1941 | 2,274 | 465 | 2,807 | 5,546 |
| 1942 | 2,046 | 945 | 2,942 | 5,933 |
| 1943 | 1,671 | 440 | 2,135 | 4,246 |
| 1944 | 2,308 | 398 | 2,795 | 5,501 |
| Mid-western | | | | |
| 1937 | 324 | 88 | 200 | 612 |
| 1938 | 236 | 21 | 44 | 301 |
| 1939 | 392 | 20 | 141 | 553 |
| 1940 | 223 | 15 | 77 | 315 |
| 1941 | 265 | 32 | 111 | 408 |
| 1942 | 274 | 114 | 112 | 500 |
| 1943 | 138 | 22 | 70 | 230 |
| 1944 | 198 | 14 | 90 | 302 |
| Hudson | | | | |
| 1937 | 554 | - | - | 554 |
| 1938 | 390 | - | - | 390 |
| 1939 | 467 | - | - | 467 |
| 1940 | 289 | - | - | 289 |
| 1941 | 336 | - | - | 336 |
| 1942 | 455 | - | - | 455 |
| 1943 | 276 | - | - | 276 |
| 1944 | 769 | - | 1 | 770 |
| Champlain | | | | |
| 1937 | 14 | - | - | 14 |
| 1938 | 11 | - | - | 11 |
| 1939 | 15 | - | - | 15 |
| 1940 | 14 | - | - | 14 |
| 1941 | 22 | - | - | 22 |
| 1942 | 13 | - | - | 13 |
| 1943 | 7 | - | - | 7 |
| 1944 | 9 | - | - | 9 |
| Other | | | | |
| 1937 | 938 | 30 | 61 | 1,029 |
| 1938 | 680 | 6 | 24 | 710 |
| 1939 | 987 | 34 | 51 | 1,072 |
| 1940 | 652 | 18 | 65 | 735 |
| 1941 | 872 | 40 | 104 | 1,016 |
| 1942 | 791 | 41 | 154 | 986 |
| 1943 | 650 | 40 | 162 | 852 |
| 1944 | 697 | 29 | 300 | 1,026 |
| State Total | | | | |
| 1937 | 4,434 | 1,285 | 1,873 | 7,592 |
| 1938 | 2,622 | 374 | 866 | 3,862 |
| 1939 | 4,773 | 1,207 | 2,382 | 8,362 |
| 1940 | 2,309 | 199 | 1,687 | 4,195 |
| 1941 | 3,769 | 537 | 3,022 | 7,328 |
| 1942 | 3,579 | 1,100 | 3,208 | 7,887 |
| 1943 | 2,742 | 502 | 2,367 | 5,611 |
| 1944 | 3,981 | 441 | 3,186 | 7,608 |

1/ The counties in the various districts are given in Footnote 8, page 5.

Table 3.- Cider made, by districts, crops of 1937-44 1/

| District | Cider Mills | Evaporators | Canneries | Total |
|---|---|---|---|---|
| | | 1,000 gallons | | |
| Ontario | | | | |
| 1937 | 11,619 | - | 354 | 11,973 |
| 1938 | 5,617 | - | 146 | 5,763 |
| 1939 | 12,758 | - | 1,707 | 14,465 |
| 1940 | 4,885 | - | 628 | 5,513 |
| 1941 | 10,958 | - | 412 | 11,370 |
| 1942 | 10,547 | - | 312 | 10,859 |
| 1943 | 8,093 | - | 1,347 | 9,440 |
| 1944 | 11,014 | - | 269 | 11,283 |
| Mid-western | | | | |
| 1937 | 1,534 | - | - | 1,534 |
| 1938 | 896 | - | - | 896 |
| 1939 | 1,674 | - | - | 1,674 |
| 1940 | 867 | - | - | 867 |
| 1941 | 1,069 | - | - | 1,069 |
| 1942 | 1,128 | - | - | 1,128 |
| 1943 | 541 | - | - | 541 |
| 1944 | 845 | - | 90 | 935 |
| Hudson | | | | |
| 1937 | 1,947 | - | - | 1,947 |
| 1938 | 1,412 | - | - | 1,412 |
| 1939 | 1,671 | - | - | 1,671 |
| 1940 | 1,020 | - | - | 1,020 |
| 1941 | 1,134 | - | - | 1,134 |
| 1942 | 1,652 | - | - | 1,652 |
| 1943 | 984 | - | - | 984 |
| 1944 | 3,566 | - | - | 3,566 |
| Champlain | | | | |
| 1937 | 49 | - | - | 49 |
| 1938 | 33 | - | - | 33 |
| 1939 | 40 | - | - | 40 |
| 1940 | 46 | - | - | 46 |
| 1941 | 68 | - | - | 68 |
| 1942 | 41 | - | - | 41 |
| 1943 | 23 | - | - | 23 |
| 1944 | 30 | - | - | 30 |
| Other | | | | |
| 1937 | 3,345 | - | - | 3,345 |
| 1938 | 2,704 | - | - | 2,704 |
| 1939 | 3,807 | - | - | 3,807 |
| 1940 | 2,518 | - | - | 2,518 |
| 1941 | 3,416 | - | - | 3,416 |
| 1942 | 3,207 | - | - | 3,207 |
| 1943 | 2,650 | - | - | 2,650 |
| 1944 | 2,933 | - | - | 2,933 |
| State total | | | | |
| 1937 | 18,494 | - | 354 | 18,848 |
| 1938 | 10,662 | - | 146 | 10,808 |
| 1939 | 19,950 | - | 1,707 | 21,657 |
| 1940 | 9,336 | - | 628 | 9,964 |
| 1941 | 16,645 | - | 412 | 17,057 |
| 1942 | 16,575 | - | 312 | 16,887 |
| 1943 | 12,291 | - | 1,347 | 13,638 |
| 1944 | 18,388 | - | 359 | 18,747 |

1/ See footnotes, Tables 1 and 2 for explanations.

Table 4.- "Apple juice", by districts, crops of 1940-44 1/

| District | Total | | | | |
|---|---|---|---|---|---|
| | 1940 | 1941 | 1942 | 1943 | 1944 |
| | 1,000 gallons | | | | |
| Ontario | 1,929 | 1,991 | 1,868 | 2,138 | 3,879 |
| Mid-western | 289 | 322 | 180 | 158 | 116 |
| Hudson | 305 | 268 | 826 | 221 | 528 |
| Champlain | 15 | 33 | 23 | 16 | 21 |
| Other | 822 | 1,007 | 788 | 923 | 1,719 |
| State total | 3,360 | 3,621 | 3,685 | 3,456 | 6,263 |

1/ See footnote, Tables 1 and 2 for explanations.

Table 5.- Yield of apple products from 100 pounds of fresh apples 1/

| Product and district | 1937 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 |
|---|---|---|---|---|---|---|---|---|
| Cider from 100 pounds of fresh apples, gallons: | | | | | | | | |
| Ontario | 7.6 | 7.3 | 7.2 | 7.5 | 7.4 | 7.4 | 7.6 | 7.6 |
| Mid-western | 7.0 | 7.1 | 6.9 | 7.0 | 7.0 | 7.1 | 7.0 | 7.2 |
| Hudson | 6.9 | 7.1 | 6.8 | 6.9 | 6.7 | 6.9 | 6.7 | 6.9 |
| Champlain | 6.3 | 6.5 | 7.0 | 7.2 | 6.6 | 6.8 | 6.4 | 6.7 |
| Other | 6.6 | 6.6 | 6.6 | 6.6 | 6.8 | 6.7 | 6.8 | 6.8 |
| State average | 7.3 | 7.1 | 7.0 | 7.1 | 7.2 | 7.2 | 7.3 | 7.3 |
| Dried apples from 100 pounds of fresh apples, pounds: | | | | | | | | |
| State average | 12.2 | 12.6 | 12.5 | 11.9 | 12.4 | 12.3 | 12.2 | 12.4 |
| Canned apples from 100 pounds of fresh apples, dozens No. 10 cans: | | | | | | | | |
| State average | .88 | .85 | .83 | .84 | .81 | .79 | .81 | .83 |
| Apple sauce from 100 pounds of fresh apples, cases of 24 No. 2 cans: | | | | | | | | |
| State average | 2.59 | 2.61 | 2.60 | 2.60 | 2.51 | 2.59 | 2.60 | 2.66 |

1/ The quantity of product reported as manufactured from 100 pounds of fresh apples varied rather widely. The above figures are averages of reports received, except that for cider the state average is derived from the district averages by weighting by the quantity of apples received at cider mills in each district. If weighted by individual mills, the average yields would be somewhat higher, since in the large mills which handle a relatively large proportion of the cider apples, yields ranging from 8.0 to 9.8 gallons of cider per 100 pounds of apples were reported.

Apple "chops" (dried) were made at the rate of 18 to 20 pounds from 100 pounds of fresh apples in 1944.

"Frozen" apples were made at the rate of about two 30-pound cans from 100 pounds of fresh apples in 1944.

See footnote, Table 2, for counties included in various districts.

Table 6.- Prices received for apples at manufacturing plants, by districts, crops of 1937-44 1/

| District | Cider Mills | Evaporators | Canneries | All |
|---|---|---|---|---|
| | | Per 100 pounds | | |
| Ontario | | | | |
| 1937 | $ .18 | $ .33 | $ .41 | $ .28 |
| 1938 | .23 | .28 | .57 | .35 |
| 1939 | .15 | .27 | .43 | .27 |
| 1940 | .26 | .30 | .74 | .53 |
| 1941 | .34 | .59 | 1.19 | .81 |
| 1942 | .45 | 1.46 | 1.56 | 1.16 |
| 1943 | 1.22 | 2.90 | 3.07 | 2.32 |
| 1944 | 1.11 | 2.99 | 3.15 | 2.28 |
| Mid-western | | | | |
| 1937 | .24 | .26 | .52 | .33 |
| 1938 | .27 | .25 | .67 | .33 |
| 1939 | .19 | .20 | .46 | .26 |
| 1940 | .26 | .25 | .77 | .39 |
| 1941 | .34 | .52 | 1.16 | .58 |
| 1942 | .42 | 1.42 | 1.74 | .94 |
| 1943 | .97 | 2.25 | 3.10 | 1.74 |
| 1944 | 1.05 | 2.75 | 3.38 | 1.82 |
| Hudson | | | | |
| 1937 | .25 | - | - | .25 |
| 1938 | .26 | - | - | .26 |
| 1939 | .24 | - | - | .24 |
| 1940 | .34 | - | - | .34 |
| 1941 | .38 | - | - | .38 |
| 1942 | .40 | - | - | .40 |
| 1943 | .98 | - | - | .98 |
| 1944 | .88 | - | - | .88 |
| Champlain | | | | |
| 1937 | .21 | - | - | .21 |
| 1938 | .46 | - | - | .46 |
| 1939 | .19 | - | - | .19 |
| 1940 | .30 | - | - | .30 |
| 1941 | .26 | - | - | .26 |
| 1942 | .31 | - | - | .31 |
| 1943 | .98 | - | - | .98 |
| 1944 | 1.08 | - | - | 1.08 |
| Other | | | | |
| 1937 | .29 | .40 | .52 | .31 |
| 1938 | .33 | .20 | .80 | .34 |
| 1939 | .25 | .18 | .55 | .26 |
| 1940 | .33 | .25 | .94 | .36 |
| 1941 | .34 | .35 | 1.26 | .44 |
| 1942 | .45 | 1.50 | 2.02 | .74 |
| 1943 | .99 | 2.75 | 3.72 | 1.59 |
| 1944 | .98 | 2.75 | 3.72 | 1.83 |
| State average | | | | |
| 1937 | .22 | .33 | .43 | .29 |
| 1938 | .26 | .28 | .58 | .34 |
| 1939 | .18 | .27 | .43 | .26 |
| 1940 (revised) | .28 | .29 | .75 | .47 |
| 1941 | .34 | .57 | 1.19 | .72 |
| 1942 | .44 | 1.46 | 1.59 | 1.05 |
| 1943 | 1.13 | 2.86 | 3.12 | 2.12 |
| 1944 | 1.04 | 2.96 | 3.21 | 2.06 |

1/ See footnotes, Tables 1 and 2 for explanations.

Table 7.- Apples received from other states at New York processing plants, crop of 1944

| By states of origin 1/ | Bushels |
|---|---|
| Maine, New Hampshire, Massachusetts, Connecticut | 103,300 |
| New Jersey, Pennsylvania | 50,700 |
| Ohio, Michigan | 20,000 |
| Delaware, Maryland | 29,900 |
| Virginia, West Virginia | 275,500 |
| Total | 479,400 |
| **By district in New York in which received 2/** | |
| Ontario | 376,700 |
| Mid-western | 31,300 |
| Hudson, Champlain and Other | 71,400 |
| Total | 479,400 |

1/ States grouped to prevent disclosure of individual operations. In a few cases receipts of apples from more than one state were grouped and the proportion to be credited to a given state was necessarily estimated.

2/ For counties included in each district see Footnote 8, Table 1, on page 5.

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